

## Author index

- Acharya, R., see Sudarshan, K. 309
- Alés-Barrero, F., see Lara, F.J. 101
- Andersson, K., see Stolpe, B. 109
- Andrés, J.M.  
— and Bona, M.T.  
Analysis of coal by diffuse reflectance near-infrared spectroscopy 123
- Andreani, A., see Guardigli, M. 139
- Annunziata, L., see Scortichini, G. 43
- Arrazcaeta, R., see Padilla, R. 201
- Assis, V.C., see de Oliveira, A.C.A. 213
- Autret, G.  
—, Liger-Belair, G., Nuzillard, J.-M., Parmentier, M., de Montreynaud, A.D., Jeandet, P., Doan, B.-T. and Beloeil, J.-C.  
Use of magnetic resonance spectroscopy for the investigation of the CO<sub>2</sub> dissolved in champagne and sparkling wines: a nondestructive and unintrusive method 73
- Baeyens, W.R.G., see Zhang, Z. 145
- Barbosa, R.M., see Ferreira, N.R. 1
- Beloeil, J.-C., see Autret, G. 73
- Benedetti, F., see Scortichini, G. 43
- Bona, M.T., see Andrés, J.M. 123
- Bosque-Sendra, J.M., see Lara, F.J. 101
- Cámara, C., see Sanz, E. 227
- Campillo, N., see Viñas, P. 49
- Chalus, P., see Roggo, Y. 79
- Chen, H.F., see Yao, X.J. 259
- Chen, S., see Liu, S.P. 169
- Cheng, W., see Huang, M. 15
- Dasgupta, P.K., see Teshima, N. 189
- de Montreynaud, A.D., see Autret, G. 73
- de Oliveira, A.C.A.  
—, Assis, V.C., Matos, M.A.C. and Matos, R.C.  
Flow-injection system with glucose oxidase immobilized on a tubular reactor for determination of glucose in blood samples 213
- Deming, R.L., see Hu, G. 237
- Doan, B.-T., see Autret, G. 73
- Dong, S., see Huang, M. 15
- Doucet, J.P., see Yao, X.J. 259
- Edmond, A., see Roggo, Y. 79
- Fan, B.T., see Yao, X.J. 259
- Fernández-De Córdoba, M.L., see López-Flores, J. 161
- Ferreira, N.R.  
—, Ledo, A., Frade, J.G., Gerhardt, G.A., Laranjinha, J. and Barbosa, R.M.  
Electrochemical measurement of endogenously produced nitric oxide in brain slices using Nafion/*o*-phenylenediamine modified carbon fiber microelectrodes 1
- Filik, H.  
—, Hayvali, M. and Kilic, E.  
Sequential spectrophotometric determination of paracetamol and *p*-aminophenol with 2,2'-(1,4-phenylenedivinylene) bis-8-hydroxyquinoline as a novel coupling reagent after microwave assisted hydrolysis 177
- Frade, J.G., see Ferreira, N.R. 1
- Galarini, R., see Scortichini, G. 43
- García, R.  
—, López-Cueto, G., Ostra, M. and Ubide, C.  
Multicomponent determinations using addition-generated reagent profiles and partial least squares regression 287
- García-Campaña, A.M., see Lara, F.J. 101
- Gerhardt, G.A., see Ferreira, N.R. 1
- Goswami, A., see Sudarshan, K. 309
- Guardigli, M.  
—, Pasini, P., Mirasoli, M., Leoni, A., Andreani, A. and Roda, A.  
Chemiluminescent high-throughput microassay for evaluation of acetylcholinesterase inhibitors 139
- Haouet, M.N., see Scortichini, G. 43
- Hassellöv, M., see Stolpe, B. 109
- Hayvali, M., see Filik, H. 177
- Hemmateenejad, B.  
—, Safarpour, M.A. and Mohammad Mehranpour, A.  
Net analyte signal-artificial neural network (NAS-ANN) model for efficient nonlinear multivariate calibration 275
- Hernández-Córdoba, M., see Viñas, P. 49
- Ho, C., see Sin, D.W.-m. 23
- Ho, S.-k., see Sin, D.W.-m. 23
- Hou, X.  
—, Østergaard, L.F. and Nielsen, S.P.  
Determination of <sup>63</sup>Ni and <sup>55</sup>Fe in nuclear waste samples using radiochemical separation and liquid scintillation counting 297
- Hu, C.-Q., see Hu, M. 89
- Hu, G.  
— and Deming, R.L.  
Speciation of bio-available chromium in soils by solid-phase extraction and graphite furnace atomic absorption spectrometry 237
- Hu, M.  
— and Hu, C.-Q.  
Identification of the components of 16-membered macrolide antibiotics by LC/MS 89
- Hu, X.L., see Liu, S.P. 169
- Hu, Z.D., see Yao, X.J. 259

- Huang, M.  
—, Shen, Y., Cheng, W., Shao, Y., Sun, X., Liu, B. and Dong, S.  
Nanocomposite films containing Au nanoparticles formed by electrochemical reduction of metal ions in the multilayer films as electrocatalyst for dioxygen reduction 15
- Ibusuki, T., see Itoh, N. 243
- Ip, A.C.-b., see Sin, D.W.-m. 23
- Itoh, N.  
—, Tao, H. and Ibusuki, T.  
Optimization of aqueous acetylation for determination of hydroxy polycyclic aromatic hydrocarbons in water by stir bar sorptive extraction and thermal desorption–gas chromatography–mass spectrometry 243
- Janssens, K., see Padilla, R. 201
- Jeandet, P., see Autret, G. 73
- Jiang, H.-L., see Shen, H.-Y. 33
- Kabashima, T., see Kai, M. 153
- Kai, M.  
—, Morizono, M., Wainaina, M.N., Kabashima, T., Lee, M.K. and Lu, J.  
Chemiluminescence detection of amino acids using an Edman-type reagent, 4-(1'-cyanoisindolyl)phenylisothiocyanate 153
- Kilic, E., see Filik, H. 177
- Korkmaz, M., see Polat, M. 331
- Koupparis, M.A., see Krokidis, A.A. 57
- Krokidis, A.A.  
—, Megoulas, N.C. and Koupparis, M.A.  
EDTA determination in pharmaceutical formulations and canned foods based on ion chromatography with suppressed conductimetric detection 57
- Krusteva, I., see Scortichini, G. 43
- Lara, F.J.  
—, García-Campaña, A.M., Alés-Barrero, F. and Bosque-Sendra, J.M.  
Determination of thiazinamium, promazine and promethazine in pharmaceutical formulations using a CZE method 101
- Laranjinha, J., see Ferreira, N.R. 1
- Ledo, A., see Ferreira, N.R. 1
- Lee, M.K., see Kai, M. 153
- Leoni, A., see Guardigli, M. 139
- Li, J., see Teshima, N. 189
- Li, T.S., see Liu, S.P. 169
- Liger-Belair, G., see Autret, G. 73
- Lin, L.  
—, Thongngamdee, S., Wang, J., Lin, Y., Sadik, O.A. and Ly, S.-Y.  
Adsorptive stripping voltammetric measurements of trace uranium at the bismuth film electrode 9
- Lin, Y., see Lin, L. 9
- Liu, B., see Huang, M. 15
- Liu, M.C., see Yao, X.J. 259
- Liu, S.P.  
—, Chen, S., Liu, Z.F., Hu, X.L. and Li, T.S.  
Resonance Rayleigh scattering spectra of interaction of sodium carboxymethylcellulose with cationic acridine dyes and their analytical applications 169
- Liu, X., see Lu, L. 183
- Liu, Z.F., see Liu, S.P. 169
- López-Cueto, G., see García, R. 287
- López-Flores, J.  
—, Fernández-De Córdoba, M.L. and Molina-Díaz, A.  
Implementation of flow-through solid phase spectroscopic transduction with photochemically induced fluorescence: determination of thiamine 161
- López-García, I., see Viñas, P. 49
- Lu, J., see Kai, M. 153
- Lu, L.  
—, Zhu, S., Liu, X., Xie, Z. and Yan, X.  
Highly selective chromogenic ionophores for the recognition of chromium(III) based on a water-soluble azocalixarene derivative 183
- Ly, S.-Y., see Lin, L. 9
- Matos, M.A.C., see de Oliveira, A.C.A. 213
- Matos, R.C., see de Oliveira, A.C.A. 213
- Megoulas, N.C., see Krokidis, A.A. 57
- Merino-Meroño, B., see Viñas, P. 49
- Mirasoli, M., see Guardigli, M. 139
- Mohammad Mehranpour, A., see Hemmateenejad, B. 275
- Molina-Díaz, A., see López-Flores, J. 161
- Morizono, M., see Kai, M. 153
- Muñoz-Olivas, R., see Sanz, E. 227
- Nair, A.G.C., see Sudarshan, K. 309
- Nielsen, S.P., see Hou, X. 297
- Nuzillard, J.-M., see Autret, G. 73
- Olejniczak, J.  
—, Staniewski, J. and Szymanowski, J.  
Extraction of phenols and phenyl acetates with diethyl carbonate 251
- Østergaard, L.F., see Hou, X. 297
- Ostra, M., see García, R. 287
- Padilla, R.  
—, Schalm, O., Janssens, K., Arrazcaeta, R. and Van Espen, P.  
Microanalytical characterization of surface decoration in Majolica pottery 201
- Palenzuela, B.  
—, Simonet, B.M., Ríos, A. and Valcárcel, M.  
Determination of free and total sulphur dioxide in wine by use of an amalgamated piezoelectric sensor 65
- Panaye, A., see Yao, X.J. 259
- Parmentier, M., see Autret, G. 73
- Pasini, P., see Guardigli, M. 139
- Pi, T., see Solé, J. 325
- Polat, M.  
— and Korkmaz, M.  
ESR identification of  $\gamma$ -irradiated redoxon and determination of ESR parameters of radicals produced in irradiated ascorbic acid 331
- Reddy, A.V.R., see Sudarshan, K. 309
- Ríos, A., see Palenzuela, B. 65
- Ríos, A., see Zougagh, M. 133
- Roda, A., see Guardigli, M. 139
- Roggo, Y.  
—, Edmond, A., Chalus, P. and Ulmschneider, M.  
Infrared hyperspectral imaging for qualitative analysis of pharmaceutical solid forms 79
- Sadik, O.A., see Lin, L. 9
- Safarpour, M.A., see Hemmateenejad, B. 275
- Sanz, E.  
—, Muñoz-Olivas, R. and Cámara, C.  
A rapid and novel alternative to conventional sample treatment for arsenic speciation in rice using enzymatic ultrasonic probe 227
- Schalm, O., see Padilla, R. 201
- Scortichini, G.  
—, Annunziata, L., Haouet, M.N., Benedetti, F., Krusteva, I. and Galarini, R.  
ELISA qualitative screening of chloramphenicol in muscle, eggs, honey and milk: method validation according to the Commission Decision 2002/657/EC criteria 43
- Shao, Y., see Huang, M. 15

- Shen, H.-Y.  
— and Jiang, H.-L.  
Screening, determination and confirmation of chloramphenicol in seafood, meat and honey using ELISA, HPLC-UVD, GC-ECD, GC-MS-EI-SIM and GCMS-NCI-SIM methods 33
- Shen, Y., see Huang, M. 15
- Simonet, B.M., see Palenzuela, B. 65
- Sin, D.W.-m.  
—, Ho, C., Wong, Y.-c., Ho, S.-k. and Ip, A.C.-b.  
Analysis of major components of residual bacitracin and colistin in food samples by liquid chromatography tandem mass spectrometry 23
- Solé, J.  
— and Pi, T.  
An empirical calibration for  $^4\text{He}$  quantification in minerals and rocks by laser fusion and noble gas mass spectrometry using Cerro de Mercado (Durango, Mexico) fluorapatite as a standard 325
- Staniewski, J., see Olejniczak, J. 251
- Stolpe, B.  
—, Hassellöv, M., Andersson, K. and Turner, D.R.  
High resolution ICPMS as an on-line detector for flow field-flow fractionation; multi-element determination of colloidal size distributions in a natural water sample 109
- Sudarshan, K.  
—, Tripathi, R., Nair, A.G.C., Acharya, R., Reddy, A.V.R. and Goswami, A.  
Analysis of reference materials by prompt  $\gamma$ -ray neutron activation analysis and evaluation of sample-dependent background 309
- Sun, X., see Huang, M. 15
- Szymanowski, J., see Olejniczak, J. 251
- Tabei, K., see Uchida, S. 317
- Tagami, K., see Uchida, S. 317
- Tao, H., see Itoh, N. 243
- Teshima, N.  
—, Li, J., Toda, K. and Dasgupta, P.K.  
Determination of acetone in breath 189
- Thongngamdee, S., see Lin, L. 9
- Toda, K., see Teshima, N. 189
- Tripathi, R., see Sudarshan, K. 309
- Turner, D.R., see Stolpe, B. 109
- Ubide, C., see García, R. 287
- Uchida, S.  
—, Tagami, K. and Tabei, K.  
Comparison of alkaline fusion and acid digestion methods for the determination of rhenium in rock and soil samples by ICP-MS 317
- Ulmschneider, M., see Roggo, Y. 79
- Valcárcel, M., see Palenzuela, B. 65
- Valcárcel, M., see Zougagh, M. 133
- Van Espen, P., see Padilla, R. 201
- Viñas, P.  
—, López-García, I., Merino-Meroño, B., Campillo, N. and Hernández-Córdoba, M.  
Determination of selenium species in infant formulas and dietetic supplements using liquid chromatography-hydride generation atomic fluorescence spectrometry 49
- Wainaina, M.N., see Kai, M. 153
- Wang, J., see Lin, L. 9
- Wang, S.  
—, Zhang, C. and Zhang, Y.  
Development of a flow-through enzyme-linked immunosorbent assay and a dipstick assay for the rapid detection of the insecticide carbaryl 219
- Wong, Y.-c., see Sin, D.W.-m. 23
- Xie, Z., see Lu, L. 183
- Xu, K., see Zhang, Z. 145
- Yan, X., see Lu, L. 183
- Yao, X.J.  
—, Panaye, A., Doucet, J.P., Chen, H.F., Zhang, R.S., Fan, B.T., Liu, M.C. and Hu, Z.D.  
Comparative classification study of toxicity mechanisms using support vector machines and radial basis function neural networks 259
- Zhang, C., see Wang, S. 219
- Zhang, R.S., see Yao, X.J. 259
- Zhang, X., see Zhang, Z. 145
- Zhang, Y., see Wang, S. 219
- Zhang, Z.  
—, Xu, K., Baeyens, W.R.G. and Zhang, X.  
An energy-transfer cataluminescence reaction on nanosized catalysts and its application to chemical sensors 145
- Zhu, S., see Lu, L. 183
- Zougagh, M.  
—, Ríos, A. and Valcárcel, M.  
An automated screening method for the fast, simple discrimination between natural and artificial colorants in commercial saffron products 133